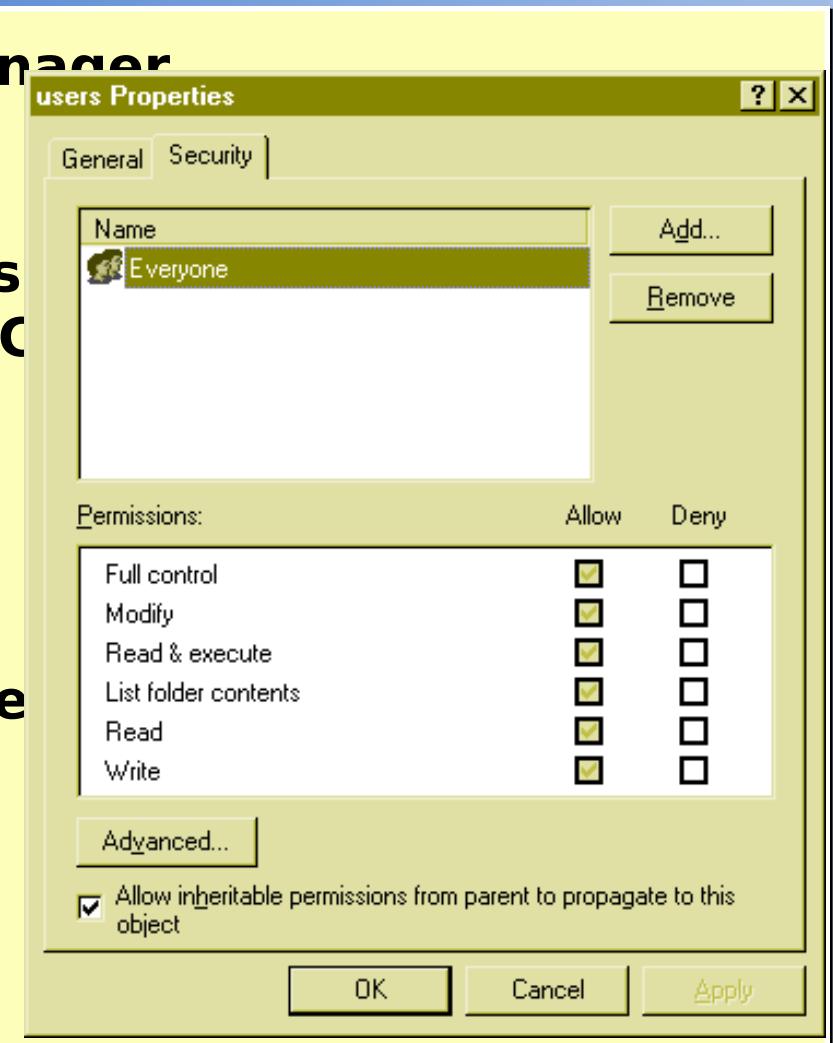


Service Pack 4 Overview

- Contains all fixes in SP3 and post-SP3 hotfixes
- New features
 - NTLM version 2 protocol (LMCompatibilityLevel registry key)
 - Y2K fixes (User Manager, Word)
 - DCOM/HTTP tunneling through firewalls (client/server communication over port 80)
 - Option Pack fixes (updates to Certificate Server, Microsoft Transaction Server, MSMQ)
 - DNS query sequence numbers (harder to predict?)
 - more...
- README located at
<http://support.microsoft.com/download/support/msfiles/SP4128.txt>

Service Pack 4 - SCM

- **Security Configuration Manager (add-on)**
- **Available for download at:**
ftp://ftp.microsoft.com/bus/winnt/winnt-public/tools/SCM
 - Centralizes system configurations
 - Changes ACL editor
 - Applies settings from pre-configured template



Service Pack 4 Issues

- Installation issues
 - SP4 does not remove reference to Post-SP3 hotfixes
 - Need to manually remove information from registry
 - <http://support.microsoft.com/support/kb/articles/q194/3/34.asp>
- Uninstallation issues
 - SP4 changes SAM files (samsrv.dll, samlib.dll, lsasrv.dll)
 - Files are not replaced when uninstalling SP4
 - If uninstalling SP4 and reinstalling SP3, do not replace these files when prompted (documented in README)
- Currently three hotfixes (Nprpc-fix, Tcpip-fix, Clik-fix)

Service Pack 4

- **List of bugs/reported problems**
 - <http://www.nthelp.com/nt4sp4.htm>
 - <http://support.microsoft.com/support>
- **Hotfixes provided by Microsoft at**
<ftp://ftp.microsoft.com/bussys/winnt/winnt-public/fixes/usa/nt40/hotfixes-postSP4/>
- **Service Pack 4 (128-bit) available at**
<http://mssecure.www.conxion.com/cgi-bin/ntitar.pl>

FY99 Tasking

- SPAWAR
 - Revise “Secure Windows NT Installation and Configuration Guide” as Version 2.0
 - Produce SCM templates based on IT-21 guide settings
- DII COE
 - Compare SCM to NTSCON and NTSecWiz tools
 - Produce SCM templates based on DII COE guide settings
 - SP4 targeted for COE 4.0.1